



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/773,274  
Source: IFWO  
Date Processed by STIC: 7/16/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby,  
Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFWO

## RAW SEQUENCE LISTING

DATE: 07/16/2004

PATENT APPLICATION: US/10/773,274

TIME: 07:37:36

Input Set : A:\3781-009-27.ST25.txt

Output Set: N:\CRF4\07162004\J773274.raw

3 &lt;110&gt; APPLICANT: Chu, Yong Liang

4 Lai, Wan-Ching

5 Li, Frank Q.

7 &lt;120&gt; TITLE OF INVENTION: Polypeptide Bioconjugates, Methods of Making the

Bioconjugates

8 and Assays Employing the Bioconjugates

10 &lt;130&gt; FILE REFERENCE: 3781-009-27

12 &lt;140&gt; CURRENT APPLICATION NUMBER: US 10/773,274

13 &lt;141&gt; CURRENT FILING DATE: 2004-02-09

15 &lt;160&gt; NUMBER OF SEQ ID NOS: 33

17 &lt;170&gt; SOFTWARE: FastSEQ for Windows Version 4.0

19 &lt;210&gt; SEQ ID NO: 1

20 &lt;211&gt; LENGTH: 8

21 &lt;212&gt; TYPE: PRT

22 &lt;213&gt; ORGANISM: Artificial Sequence

24 &lt;220&gt; FEATURE:

25 &lt;223&gt; OTHER INFORMATION: Peptide-T amide

Does Not Comply  
Corrected Diskette Needed  
(p.5, 5)

W--&gt; 27 &lt;221&gt; NAME/KEY: BINDING

28 &lt;222&gt; LOCATION: 8

29 &lt;223&gt; OTHER INFORMATION: Amino acid 8 is attached by CONH2

W--&gt; 31 &lt;400&gt; 1

32 Ala Ser Thr Thr Thr Asn Tyr Thr

33 1 5

36 &lt;210&gt; SEQ ID NO: 2

37 &lt;211&gt; LENGTH: 17

38 &lt;212&gt; TYPE: PRT

39 &lt;213&gt; ORGANISM: Artificial Sequence

41 &lt;220&gt; FEATURE:

42 &lt;223&gt; OTHER INFORMATION: polypeptide sequence

44 &lt;400&gt; SEQUENCE: 2

45 Phe Glu Arg Asp Ile Ser Asn Val Pro Phe Ser Pro Asp Gly Lys Pro

46 1 5 10 15

47 Cys

51 &lt;210&gt; SEQ ID NO: 3

52 &lt;211&gt; LENGTH: 14

53 &lt;212&gt; TYPE: PRT

54 &lt;213&gt; ORGANISM: Artificial Sequence

56 &lt;220&gt; FEATURE:

57 &lt;223&gt; OTHER INFORMATION: SARS viral specific antibody-binding peptide

59 &lt;400&gt; SEQUENCE: 3

60 Phe Lys Cys Tyr Gly Val Ser Ala Thr Lys Leu Asn Asp Leu

61 1 5 10

64 &lt;210&gt; SEQ ID NO: 4

65 &lt;211&gt; LENGTH: 19

What is the source  
OF genetic  
material?

Same error

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66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
72 <400> SEQUENCE: 4
73 Ser Lys Arg Phe Gln Pro Phe Gln Gln Phe Gly Arg Asp Val Ser Asp
74 1 5 10 15
75 Phe Thr Asp
79 <210> SEQ ID NO: 5
80 <211> LENGTH: 13
81 <212> TYPE: PRT
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
87 <400> SEQUENCE: 5
88 Ala Glu His Val Asp Thr Ser Tyr Glu Cys Asp Ile Pro
89 1 5 10
92 <210> SEQ ID NO: 6
93 <211> LENGTH: 19
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
100 <400> SEQUENCE: 6
101 Arg Glu Val Phe Ala Gln Val Lys Gln Met Tyr Lys Thr Pro Thr Leu
102 1 5 10 15
103 Lys Tyr Phe
107 <210> SEQ ID NO: 7
108 <211> LENGTH: 10
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
115 <400> SEQUENCE: 7
116 Leu Leu Thr Asp Asp Met Ile Ala Ala Tyr
117 1 5 10
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 21
122 <212> TYPE: PRT
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
128 <400> SEQUENCE: 8
129 Arg Ser Asp Thr Leu Tyr Leu Thr Gln Asp Leu Phe Leu Pro Phe Tyr
130 1 5 10 15
131 Ser Asn Val Thr Gly
132 20
135 <210> SEQ ID NO: 9
136 <211> LENGTH: 31

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137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
143 <400> SEQUENCE: 9
144 Ala Ser Ser Glu Val Ala Val Leu Tyr Gln Asp Val Asn Cys Thr Asp
145 1          5          10          15
146 Val Ser Thr Ala Ile His Ala Asp Gln Leu Thr Pro Ala Trp Arg
147          20          25          30
150 <210> SEQ ID NO: 10
151 <211> LENGTH: 24
152 <212> TYPE: PRT
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
158 <400> SEQUENCE: 10
159 Ala Ile Ser Ser Val Leu Asn Asp Ile Leu Ser Arg Leu Asp Lys Val
160 1          5          10          15
161 Glu Ala Glu Val Gln Ile Asp Arg
162          20
165 <210> SEQ ID NO: 11
166 <211> LENGTH: 15
167 <212> TYPE: PRT
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
173 <400> SEQUENCE: 11
174 Gly Gly Arg Asn Gly Ala Arg Pro Lys Gln Arg Arg Pro Gln Gly
175 1          5          10          15
178 <210> SEQ ID NO: 12
179 <211> LENGTH: 16
180 <212> TYPE: PRT
181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
186 <400> SEQUENCE: 12
187 Leu Thr Gln His Gly Lys Glu Glu Leu Arg Phe Pro Arg Gly Gln Gly
188 1          5          10          15
191 <210> SEQ ID NO: 13
192 <211> LENGTH: 20
193 <212> TYPE: PRT
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
199 <400> SEQUENCE: 13
200 Ala Thr Arg Arg Val Arg Gly Gly Asp Gly Lys Met Lys Glu Leu Ser
201 1          5          10          15
202 Pro Arg Trp Tyr
203          20

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Input Set : A:\3781-009-27.ST25.txt

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206 <210> SEQ ID NO: 14
207 <211> LENGTH: 20
208 <212> TYPE: PRT
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
214 <400> SEQUENCE: 14
215 Ser Gln Ala Ser Ser Arg Ser Ser Ser Arg Ser Arg Gly Asn Ser Arg
216 1          5          10          15
217 Asn Ser Thr Pro
218          20
221 <210> SEQ ID NO: 15
222 <211> LENGTH: 20
223 <212> TYPE: PRT
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
229 <400> SEQUENCE: 15
230 Ala Leu Leu Leu Asp Arg Leu Asn Gln Leu Glu Ser Lys Val Ser
231 1          5          10          15
232 Gly Lys Gly Gln
233          20
236 <210> SEQ ID NO: 16
237 <211> LENGTH: 25
238 <212> TYPE: PRT
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
244 <400> SEQUENCE: 16
245 Thr Val Thr Lys Lys Ser Ala Ala Glu Ala Ser Lys Lys Pro Arg Gln
246 1          5          10          15
247 Lys Arg Thr Ala Thr Lys Gln Tyr Asn
248          20          25
251 <210> SEQ ID NO: 17
252 <211> LENGTH: 20
253 <212> TYPE: PRT
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: SARS viral specific antibody-binding peptide
259 <400> SEQUENCE: 17
260 Thr Tyr His Gly Ala Ile Lys Leu Asp Asp Lys Asp Pro Gln Phe Lys
261 1          5          10          15
262 Asp Asn Val Ile
263          20
266 <210> SEQ ID NO: 18
267 <211> LENGTH: 17
268 <212> TYPE: PRT
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:

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Output Set: N:\CRF4\07162004\J773274.raw

272 &lt;223&gt; OTHER INFORMATION: SARS viral specific antibody-binding peptide

274 &lt;400&gt; SEQUENCE: 18

275 Pro Thr Glu Pro Lys Lys Asp Lys Lys Lys Lys Thr Asp Glu Ala Gln

276 1 5 10 15

277 Pro

281 &lt;210&gt; SEQ ID NO: 19

282 &lt;211&gt; LENGTH: 15

283 &lt;212&gt; TYPE: PRT

284 &lt;213&gt; ORGANISM: Artificial Sequence

286 &lt;220&gt; FEATURE:

287 &lt;223&gt; OTHER INFORMATION: SARS viral specific antibody-binding peptide

289 &lt;400&gt; SEQUENCE: 19

290 Leu Pro Gln Arg Gln Lys Lys Gln Pro Thr Val Thr Leu Leu Pro

291 1 5 10 15

294 &lt;210&gt; SEQ ID NO: 20

295 &lt;211&gt; LENGTH: 24

296 &lt;212&gt; TYPE: PRT

297 &lt;213&gt; ORGANISM: Artificial Sequence

299 &lt;220&gt; FEATURE:

300 &lt;223&gt; OTHER INFORMATION: SARS viral specific antibody-binding peptide

302 &lt;400&gt; SEQUENCE: 20

303 Pro Ala Ala Asp Met Asp Asp Phe Ser Arg Gln Leu Gln Asn Ser Met

304 1 5 10 15

305 Ser Gly Ala Ser Ala Asp Ser Thr

306 20

309 &lt;210&gt; SEQ ID NO: 21

310 &lt;211&gt; LENGTH: 15

311 &lt;212&gt; TYPE: PRT

312 &lt;213&gt; ORGANISM: Artificial Sequence

314 &lt;220&gt; FEATURE:

315 &lt;223&gt; OTHER INFORMATION: SARS viral specific antibody-binding peptide

317 &lt;400&gt; SEQUENCE: 21

318 Pro Ala Ala Asp Met Asp Asp Phe Ser Arg Gln Leu Gln Asn Ser

319 1 5 10 15

322 &lt;210&gt; SEQ ID NO: 22

323 &lt;211&gt; LENGTH: 7

324 &lt;212&gt; TYPE: PRT

325 &lt;213&gt; ORGANISM: Artificial Sequence

327 &lt;220&gt; FEATURE:

328 &lt;223&gt; OTHER INFORMATION: SARS viral specific antibody-binding peptide

330 &lt;400&gt; SEQUENCE: 22

331 Phe Pro Ser Val Tyr Ala Trp

332 1 5

335 &lt;210&gt; SEQ ID NO: 23

336 &lt;211&gt; LENGTH: 6

337 &lt;212&gt; TYPE: PRT

338 &lt;213&gt; ORGANISM: Artificial Sequence

340 &lt;220&gt; FEATURE:

341 &lt;223&gt; OTHER INFORMATION: polypeptide sequence

- same error

↑

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/773,274

DATE: 07/16/2004

TIME: 07:37:37

Input Set : A:\3781-009-27.ST25.txt

Output Set: N:\CRF4\07162004\J773274.raw

L:27 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

L:31 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1